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MONTANA OIL AND GAS STATISTICAL BULLETIN

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THE OIL AND GAS CONSERVATION COMMISSION

VOLUME II, NO. 4 — APRIL, 1954

Production of crude oil and condensate from the oil and gas areas of Montana for the month of April 1954, averaged 36,707 barrels daily, a decrease of 1,873 barrels from the average March production of 38,580 barrels daily.

The nine refineries in the State processed 42,141 barrels of crude oil daily for the month of April, a decrease of 6,036 barrels daily from the 48,177 barrels processed daily during the month of March, 1954.

During April, 12 wells were completed, 5 oil, no gas wells and 7 dry holes.

During April, the Commission issued 36 permits to drill new wells, an increase of 29 from the 7 permits issued during March.

STATEMENT OF CRUDE OIL PRODUCTION, REFINING, STORAGE, ETC., IN MONTANA MONTH OF APRIL, 1954

	TOTAL
IN STORAGE APRIL 1st.	
By Producers	235,678
By Transporters	280,961
By Refiners	469,637
TOTAL STORAGE	986,276
PRODUCED DURING MONTH	1,101,200
TOTAL	2,087,476
DISPOSITION:	
Refined in Montana	544,204
Shipped to Other States	361,028
Used for Fuel or Lost	15,044
TOTAL	920,276
IN STORAGE APRIL 30th:	
By Producers	237,600
By Transporters	500,078
By Refiners	429,522
TOTAL STORAGE	1,167,200

WYOMING OIL IMPORTED

IN STORAGE APRIL 1, 1954	339,737
APRIL RECEIPTS, MONTANA REFINERIES	696,628
REFINED	720,023
IN STORAGE APRIL 30, 1954	316,342

NATURAL GAS WITHDRAWALS IN MONTANA

Month of April, 1954

Field	M. C. F.
Bears Den	8,744
Big Wall	130
Bowdoin	325,371
Bowes	50,833
Box Elder	20,621
Cedar Creek	271,918
Cut Bank (includes Reagan)	1,624,151
Dry Creek	199,076
East Poplar	1,291
Hardin	7,798
Keith Block	55,680
Kevin-Sunburst	97,006
Ragged Point	27
Utopia	109,513
West Sumatra	1,654
Whitlash Area	79,818
TOTAL	2,853,631

Total withdrawals for April, 1953, were 2,587,595 M. C. F.

PRODUCERS REPORT
Month of April, 1954

Leases Operated	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped by Pipeline	Oil Shipped by Truck	Used or Lost	Storage End of Month
1	Ash Creek	7	578	3,740	.....	3,237	.....	1,081
7	Big Wall	21	2,853	17,455	.....	16,599	.....	3,709
4	Border	8	.....	1,154	.....	1,154	.....	.....
10	Bowes	69	7,312	92,415	90,238	.....	.....	9,489
2	Brady	3	.....	137	.....	137	.....	.....
1	Cabin Creek	3	1,002	10,719	.....	9,862	1,028	831
27	Cat Creek	87	4,155	19,632	19,770	.....	.....	4,017
.....	Clark's Fork	.....	84	.....	.....	.....	.....	84
310	Cut Bank	1,094	116,482	228,632	227,339	.....	2,430	115,345
3	Deer Creek	7	1,645	21,524	20,893	.....	254	2,022
2	Devil's Basin	2	444	238	.....	335	.....	347
5	Dry Creek	11	1,265	16,421	16,397	.....	.....	1,289
20	Elk Basin	58	5,925	130,734	129,577	.....	269	6,813
2	Frannie	2	591	916	1,100	.....	.....	407
2	Gage	3	1,497	671	926	.....	.....	1,242
5	Glendive	13	5,998	64,242	65,886	.....	409	3,945
1	Golden Dome	1	587	.....	.....	.....	.....	587
1	Hardin Area	3	1,794	3,258	.....	4,318	.....	734
.....	Ivanhoe Dome	.....	393	.....	.....	.....	.....	393
214	Kevin-Sunburst	1,455	17,568	104,358	103,389	251	58	18,228
.....	Jack Creek	.....	.....	.....	.....	.....	.....	.....
1	Lake Basin	1	570	127	.....	.....	.....	697
1	Little Beaver	3	863	4,133	.....	3,745	122	1,129
3	Melstone	6	2,412	10,656	.....	10,707	.....	2,361
3	Mosser	5	.....	2,095	.....	2,095	.....	.....
7	Pine Unit Area	8	4,332	28,136	.....	27,668	1,308	3,492
75	Pondera	311	8,251	57,049	57,522	.....	.....	7,778
28	Poplar Area	35	19,555	162,928	161,129	1,414	1,552	18,388
2	Ragged Point	3	2,727	1,571	.....	3,309	.....	989
.....	Rattlesnake Butte	.....	739	.....	.....	.....	.....	739
2	Reagan	32	2,349	16,859	17,392	.....	.....	1,816
5	Richey	10	4,175	10,754	.....	9,112	.....	5,817
1	Sidney Area	1	1,804	5,620	5,497	.....	.....	1,927
1	Sand Creek	1	166	104	.....	.....	43	227
3	Southwest Richey	4	1,232	9,278	.....	7,818	.....	2,692
3	Soap Creek	4	3,196	2,243	.....	2,595	172	2,672
10	Sumatra	34	8,966	53,682	.....	50,351	4	12,293
3	Sweet Grass Hills	3	477	384	.....	384	.....	477
6	Whitlash	16	1,991	17,676	17,591	.....	.....	2,076
.....	Wolf Creek	.....	51	.....	.....	.....	.....	51
2	Woodrow	2	1,119	610	468	.....	.....	1,261
1	Yellowstone	1	530	1,049	.....	1,398	26	155
774		3,327	235,678	1,101,200	935,114	156,489	7,675	237,600

Total Oil Produced and Shipped from Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1953	11,895,152	32,589	11,806,873	32,348
January, 1954	955,704	30,829	906,205	29,232
February, 1954	1,014,191	36,221	1,039,095	37,110
March, 1954	1,195,987	38,580	1,194,322	38,527
April, 1954	1,101,200	36,707	1,091,603	36,387

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage*	Total Oil In Storage*
December 31, 1953	231,394	501,709	695,206	1,428,309
January 31, 1954	274,029	376,445	614,749	1,265,223
February 28, 1954	242,483	374,995	635,829	1,253,307
March 31, 1954	235,678	469,637	620,698	1,326,013
April 30, 1954	237,600	500,078	745,864	1,483,542

*Includes Wyoming Oil.

TRANSPORTATION REPORT
Month of April, 1954

	Storage First of Month	OIL RECEIVED			Loss or Gain	OIL SHIPPED TO		Connecting Carriers	Storage End of Month
		From Producers and Connecting							
		Pipeline	Truck	Carrier		Montana	Other States		
ASH CREEK									
Trucks			3,237				3,237		
BIG WALL									
Trucks	1,998		16,599			11,285	5,314		1,998
BORDER									
Trucks			1,154			1,154			
BOWES									
Northern Pump	1,322	32,938			363		32,865		1,032
The Texas Company		57,301					57,301		
	1,322	90.239			363		90.166		1,032
BRADY									
Trucks			137			137			
CABIN CREEK									
Shell Oil Co.			9,862				9,862		
CAT CREEK									
Continental Pipe Line Co.	3,679	11,499			(181)	10,604			4,755
Wm. Hanlon		7,906				7,906			
	3,679	19,405			(181)	18,510			4,755
CUT BANK									
Darling Gathering System	5,338	34,725				35,242			4,821
Phillips Pet. Company	118,088	51,738			1,415	15,191		32,328	120,892
Texas Pipe Line Co.	95,711	45,597		45,998	494	74,304		13,941	98,567
Toronto Pipe Line	27,368	60,785			31			51,949	36,173
Union Oil Co.	98,974	34,805		52.220	811	88,405			96,783
	345,479	227,650		98,218	2,751	213,142		98,218	357,236
DEVILS BASIN									
Trucks			335			335			
DRY CREEK									
Ohio Oil Co.	7,755	16,594			(955)	16,629			8,675
ELK BASIN									
Ohio Oil Co.		129,577				77,005	52,752		
FRANNIE									
Ohio Oil Co.		1,100					1,100		
GAGE									
Northern Pump Co.	1,005	927				1,413			519
GLENDIVE AREA									
The Texas Co.	5,032	87,252			(123)	62,447	25,060		4,900
HARDIN AREA									
Trucks			4,318				4,318		
KEVIN-SUNBURST									
Big West Oil Co.	3,129	41,734				42,515			2,348
Homestake Oil & Gas Co.	2,261	3,402				3,918			1,745
Texas Pipe Line Co.	28,583	57,284		1,815	564	58,527			28,591
Anna Aronow	195	1,634	251					1,815	265
	34,168	104,054	251	1,815	564	104,960		1,815	32,949
LITTLE BEAVER									
Shell Oil Co.			3,745				3,745		
MELSTONE									
Trucks	734		10,707			10,364			1,077
MOSSER									
Trucks			2,095			2,095			
PINE UNIT AREA									
Shell Oil Co.			27,668				27,668		
PONDERA									
Phillips Pet. Co.	55,927	57,439			(135)	40,678			72,823
POPLAR AREA									
East Poplar Gathering System	7,565	154,720			1,780	41,417	112,516		6,572
Plastic Service Lines, Inc.		6,409				6,409			
Trucks			1,414				1,414		
	7.565	161.129	1,414		1,780	47,826	113,930		6,572
RAGGED POINT									
The Texas Company			3,309		(54)	3,363			
REAGAN									
Union Oil Co.		17,393				17,393			
RICHEY AREA									
Shell Oil Co. & Trucks			9,112			966	8,146		
SIDNEY AREA									
Sun Oil Co.		5,497					5,497		
SOAP CREEK									
Trucks			2,595				2,595		
SOUTHWEST RICHEY									
Shell Oil Co.			7,818				7,818		
SUMATRA AREA									
Trucks	2,864		50.351			50,277			2,938
SWEET GRASS HILLS									
Trucks and Pipeline	2,109	19,590	384			17,479			4,604
YELLOWSTONE									
Trucks			1,398			1,398			
GRAND TOTAL	469,637	937,846	156,489	100,033	4,010	698,856	361,028	100,033	500,078

REFINERS REPORT BY FIELDS
Month of April, 1954

	Location of Plant in Montana	Storage First of Month	Oil Received	Losses	Oil Refined	Storage End of Month
BIG WALL						
Farmers Union Cent. Ex. Inc.	Laurel	871	11,248	.....	11,285	834
BORDER						
The Texas Company	Sunburst	1,048	1,155	.....	.....	2,203
CAT CREEK						
Continental Oil Company	Billings	.....	10,596	.....	10,596	.....
Jet Fuel Refinery	Mosby	749	7,907	222	7,950	484
		749	18,503	222	18,546	484
CUT BANK						
Phillips Petroleum Co.	Great Falls	.....	15,178	.....	15,178	.....
The Texas Company	Sunburst	86,212	109,544	.....	20,594	175,162
Union Oil Company	Cut Bank	22,312	88,405	228	85,869	24,620
		108,524	213,127	228	121,641	199,782
DEVIL BASIN						
Farmers Union Cent. Ex. Inc.	Laurel	.....	343	.....	343	.....
DRY CREEK						
Farmers Union Cent. Ex. Inc.	Laurel	4,203	16,629	14	15,171	5,647
ELK BASIN						
Carter Oil Company	Billings	.....	61,584	.....	61,584	.....
Continental Oil Co.	Billings	.....	15,421	.....	15,421	.....
		.....	77,005	.....	77,005	.....
GAGE						
Farmers Union Cent. Ex. Inc.	Laurel	.....	1,413	.....	1,413	.....
GLENDIVE						
Farmers Union Cent. Ex. Inc.	Laurel	9,975	62,447	.....	60,752	11,670
KEVIN-SUNBURST						
Big West Oil Co.	Kevin	35,528	42,650	.....	52,965	25,213
The Texas Company	Sunburst	62,386	62,445	.....	7,230	117,601
		97,914	105,095	.....	60,195	142,814
MELSTONE						
Farmers Union Cent. Ex. Inc.	Laurel	995	10,364	.....	10,525	834
MOSSER						
Farmers Union Cent. Ex. Inc.	Laurel	.....	2,095	.....	2,095	.....
PONDERA						
Phillips Petroleum Co.	Great Falls	13,152	40,640	.....	43,969	9,823
POPLAR						
Carter Oil Co.	Billings	21,115	30,651	.....	24,125	27,641
Jet Fuel Refinery	Mosby	.....	285	8	277	.....
Modern Oil Co.	Shelby	2,846	10,615	.....	13,220	241
		23,961	41,551	8	37,622	27,882
RAGGED POINT						
Farmers Union Cent. Ex. Inc.	Laurel	.....	3,363	.....	3,363	.....
REAGAN						
Union Oil Co.	Cut Bank	.....	17,392	.....	17,392	.....
RICHEY AREA						
Union Oil Co.	Cut Bank	.....	966	.....	966	.....
SUMATRA						
Farmers Union Cent. Ex. Inc.	Laurel	3,795	50,546	.....	50,277	4,064
SWEET GRASS HILLS						
Big West Oil Co.	Kevin	.....	419	.....	419	.....
The Texas Company	Sunburst	15,774	12,840	.....	5,129	23,485
Union Oil Company	Cut Bank	.....	4,255	.....	4,255	.....
		15,774	17,514	.....	9,803	23,485
YELLOWSTONE						
Farmers Union Cent. Ex. Inc.	Laurel	.....	1,841	.....	1,841	.....
TOTAL MONTANA OIL		280,961	693,237	472	544,204	429,522
OIL FROM WYOMING						
Carter Oil Company	Billings	63,516	287,492	.....	252,929	98,079
Continental Oil Company	Billings	199,229	215,348	.....	265,662	148,915
Farmers Union Cent. Ex. Inc.	Laurel	76,992	193,788	.....	201,432	69,348
		339,737	696,628	.....	720,023	316,342
TOTAL MONTANA & WYOMING OIL		620,698	1,389,865	472	1,264,227	745,864

	Average Barrels Per Day			Percent of Crude Refined	
	Montana	Wyoming	Total	Montana	Wyoming
Year, 1953	20,540	33,183	53,723	38.2	61.8
April, 1953	12,669	23,849	36,518	34.7	65.3
April, 1954	18,140	24,001	42,141	43.1	56.9